

Unconfirmed minutes of the January 14, 2016 Conference Call of the Mack Test Surveillance Panel

Panel members and guests – since I no longer have an up-to-date SP membership list, I'm stealing Mark's distribution list from his most recent meeting announcement. If you notice that I have missed anyone who should be copied, please forward this note to them.

Pat

Call participants: Mark Cooper, Chairman; Pat Fetterman, Secretary pro-tamp; Bob Campbell; Jim Gutzwiller; Dan Lanctot; Jim Matasic; Jim McCord; Jim Moritz; Sean Moyer; Kevin OMalley; Christian Porter; Jim Rutherford; Elisa Santos; Nick Secue; Greg Shank; Juan Vega; Bob Warden.

The meeting was called to order a few minutes after noon EST by the chair, Mark Cooper.

Jim Moritz offered a comment regarding the parts grouping. He stated that, although the parts are grouped by piston batch, the most recent runs were actually used to bring in a new batch of rod bearings, and it just happened that batch C pistons were run with the new rod bearings. It was also noted that the Lubrizol run has not yet started.

Following Jim's comments, Bob Warden noted that he felt very uneasy about re-setting targets based on just three runs.

Jim Rutherford reviewed the attached presentation looking at lead, oil consumption, liner wear, and top ring weight loss, and he proposed potential new correction factors as shown on page six of the presentation.

Following significant discussion over concern over limited data, timing of potential new data and the need for some labs to use the new rod bearings for candidate tests, Bob Campbell made the following motion:

I move to accept the 3 test correction factor update for VUYPC parts batches, and to update those correction factors as more data become available. Greg Shank seconded the motion.

In discussion of this motion, it was noted that not only was there significant variability in the lead values for the three runs, the very high lead result at lab D WAS NOT accompanied by high bearing weight loss (on either rods or mains), and the lab cannot comment on the source of the lead. In addition, lab A showed high bearing weight loss for very low lead, and lab G had low bearing weight loss for the observed level of EOT lead. Overall, the group expressed concern over the lack of correlation between bearing weight loss and observed lead.

In addition, Jim Moritz noted that, if the Panel were to direct TMC to adjust reference periods, Intertek could run another stand reference within a relatively short time period, and Lubrizol indicated that their lab might be able to bring their run forward a few days.

Following this discussion, Bob Campbell moved to table his previous motion pending the availability of additional data, and Greg agreed to table the motion.

The goal is to re-address potential correction factors in about one month.

Jim Moritz then made the following motion: **I move that the Mack Surveillance Panel directs the TMC to allow adjustment of reference periods with no net gain or loss for a shortened reference period to gain additional data.**

The motion was seconded by Bob Campbell, and the motion passed with one waive and no dissent.

Jim McCord noted that at some future time, the Surveillance Panel must meet to resolve why observed BWL and Lead values for these runs do not align.

T-13 VGRA data analysis –

Mark Cooper noted that the SP needs to “Bless” the tests run in the VGRA matrix testing to ensure they are OK before any statistical analysis of the data is started, and that Frank Farber had had stated that an approval in the minutes of a SP meeting would be considered as sufficient endorsement to start analysis.

Before starting the detailed operational analysis, Sean Moyer noted that all of the test Qi’s looked very good.

The group then started a detailed analysis of all operational data for the matrix runs. This review discovered several data input errors and cases where data columns had probably been switched, but no real operational issues.

This led to a discussion of how to proceed – correct the data files and re-evaluate, or move forward.

Jim Moritz noted that all of the Qi’s look good and are actually better than the Precision Matrix, and that these are all good tests. Following this discussion, Greg Shank made the following motion:

I move that all VGRA Matrix tests are acceptable for analysis by the BOI/VGRA Task Force. Bob Warden seconded the motion which passed with full support from the Panel.

AOB –

Jim Rutherford made the following motion:

I move that the Standard Deviations from oils TMC823 and PC-11A, already used for test monitoring, should also apply to Severity Adjustments effective with test starts on or after January 28, 2016. This motion passed with one waive and no negatives.

Next meeting will be at the call of the Chairman (now set for Tuesday, January 26, 10:30 am to 11:30 am, Eastern time).

Respectfully submitted,
Pat Fetterman, Secretary pro-temp.
January 18, 2016